1. A compound having the following structure:

$$\left(\begin{array}{c} O \\ N \end{array}\right)_{n}$$

wherein m and n are integers not less than 1, R is a residue having at least one carbon and a valence equal to the sum of m and n, and Y is

- 5 OCH₂CHCH₂, COCH₂CHCH₂, or N(CH₂CHCH₂)₂
 - 2. The compound as claimed in Claim 1, wherein R is an aromatic residue.
- 3. The compound as claimed in Claim 2, wherein R is a residue of benzene.
 - 4. The compound as claimed in Claim 1, wherein m is 1, and n is 1 or 2.
 - 5. The compound as claimed in Claim 1, wherein Y is

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6. The compound as claimed in Claim 1 having the following structure:

7. The compound as claimed in Claim 1 having the following structure:

8. The compound as claimed in Claim 1 having the following structure:

9. A cured thermoset resin prepared by curing a compound as claimed in Claim 1.

- 10. A cured thermoset resin prepared by curing a compound as claimed in Claim 1 together with an additional compound or an additional resin.
- 11. The cured thermoset resin as claimed in Claim 9, wherein said curing is carried out in the presence of a curing agent.
 - 12. The cured thermoset resin as claimed in Claim 10, wherein said curing is carried out in the presence of a curing agent.

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